

1644



P#10

1600

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/853,080A

DATE: 11/21/2002

TIME: 11:23:17

Input Set : A:\~WRL3152.tmp

Output Set: N:\CRF4\11212002\I853080A.raw

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NOV 27 2002

TECH CENTER 1600/2900

4 <110> APPLICANT: Laub, Ruth  
 5 Di Giambattista, Mario  
 7 <120> TITLE OF INVENTION: ANTIGENIC POLYPEPTIDE SEQUENCE OF FACTOR  
 8 VIII, FRAGMENTS AND/OR EPITOPES OF THESE SEQUENCES  
 11 <130> FILE REFERENCE: VANMA48.001CP1  
 13 <140> CURRENT APPLICATION NUMBER: US 09/853,080A  
 14 <141> CURRENT FILING DATE: 2001-05-09  
 16 <150> PRIOR APPLICATION NUMBER: US 08/765,837  
 17 <151> PRIOR FILING DATE: 1999-09-07  
 19 <150> PRIOR APPLICATION NUMBER: PCT/BE95/00068  
 20 <151> PRIOR FILING DATE: 1995-07-14  
 22 <150> PRIOR APPLICATION NUMBER: BE 940066  
 23 <151> PRIOR FILING DATE: 1994-07-14  
 25 <160> NUMBER OF SEQ ID NOS: 48  
 27 <170> SOFTWARE: FastSEQ for Windows Version 4.0  
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 30 <211> LENGTH: 17  
 31 <212> TYPE: PRT  
 32 <213> ORGANISM: Homo sapiens  
 34 <220> FEATURE:  
 35 <223> OTHER INFORMATION: epitope Arg 1648 to Tyr 1664 of A3 domain of  
 36 Factor VIII  
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 40 1 5 10 15  
 41 Tyr  
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 47 <212> TYPE: PRT  
 48 <213> ORGANISM: Homo sapiens  
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 51 <223> OTHER INFORMATION: epitope Asp 1681 to Arg 1696 of A3 domain of  
 52 Factor VIII  
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 55 Asp Glu Asp Glu Asn Gln Ser Pro Arg Ser Phe Gln Lys Lys Thr Arg  
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 65 <223> OTHER INFORMATION: epitope Thr 1739 to Tyr 1748 of A3 domain of  
 66 Factor VIII

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75 <212> TYPE: PRT
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83 Asn Gln Ala Ser Arg Pro Tyr Ser Phe
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87 <210> SEQ ID NO: 5
88 <211> LENGTH: 22
89 <212> TYPE: PRT
90 <213> ORGANISM: Homo sapiens
92 <220> FEATURE:
93 <223> OTHER INFORMATION: epitope Glu 1794 to Tyr 1815 of A3 domain of
94 Factor VIII
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98 1 5 10 15
99 Asn Glu Thr Lys Thr Tyr
100 20
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110 Factor VIII
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119 <212> TYPE: PRT
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122 <220> FEATURE:
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127 Glu Thr Lys Ser Trp Tyr Phe
128 1 5
131 <210> SEQ ID NO: 8
132 <211> LENGTH: 16
133 <212> TYPE: PRT
134 <213> ORGANISM: Homo sapiens

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136 <220> FEATURE:
137 <223> OTHER INFORMATION: epitope Glu 1885 to Ala 1901 of A3 domain of
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150 <220> FEATURE:
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164 <220> FEATURE:
165 <223> OTHER INFORMATION: epitope Ser 2018 to His 2031 of A3 domain of
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168 <400> SEQUENCE: 10
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170  1          5          10
173 <210> SEQ ID NO: 11
174 <211> LENGTH: 21
175 <212> TYPE: PRT
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178 <220> FEATURE:
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185 Glu Asp Asp Lys Val
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191 <212> TYPE: PRT
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194 <220> FEATURE:
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198 <400> SEQUENCE: 12
199 Glu Gly Ser Leu Ala Lys Glu Lys Thr Gln Thr Leu
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216      20          25
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226      VIII
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230 1          5          10          15
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232      20          25
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236 <211> LENGTH: 23
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240 <220> FEATURE:
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244 <400> SEQUENCE: 15
245 Asp Asp Arg Ser Tyr Lys Ser Gln Tyr Leu Asn Asn Gly Pro Gln Arg
246 1          5          10          15
247 Ile Gly Arg Lys Tyr Lys Lys
248      20
251 <210> SEQ ID NO: 16
252 <211> LENGTH: 11
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256 <220> FEATURE:
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261 Val Glu Asp Gly Pro Thr Lys Ser Asp Pro Arg
262 1          5          10
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266 <211> LENGTH: 11
267 <212> TYPE: PRT
268 <213> ORGANISM: Homo sapiens

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Input Set : A:\~WRL3152.tmp

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271 <223> OTHER INFORMATION: epitope Tyr 555 to Gln 565 of A2 domain of Factor
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275 Tyr Lys Glu Ser Val Asp Gly Arg Gly Asn Gln
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280 <211> LENGTH: 9
281 <212> TYPE: PRT
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284 <220> FEATURE:
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286      VIII
288 <400> SEQUENCE: 18
289 His Asn Ser Asp Phe Arg Asn Arg Gly
290 1          5
293 <210> SEQ ID NO: 19
294 <211> LENGTH: 16
295 <212> TYPE: PRT
296 <213> ORGANISM: Homo sapiens
298 <220> FEATURE:
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303 Ser Cys Asp Lys Asn Thr Gly Asp Tyr Tyr Gly Asp Ser Tyr Glu Asp
304 1          5          10          15
307 <210> SEQ ID NO: 20
308 <211> LENGTH: 12
309 <212> TYPE: PRT
310 <213> ORGANISM: Homo sapiens
312 <220> FEATURE:
313 <223> OTHER INFORMATION: epitope Leu 730 to Ser 741 of A2 domain of Factor
314      VIII
316 <400> SEQUENCE: 20
317 Leu Leu Ser Lys Asn Asn Ala Ile Glu Pro Arg Ser
318 1          5          10
321 <210> SEQ ID NO: 21
322 <211> LENGTH: 13
323 <212> TYPE: PRT
324 <213> ORGANISM: Homo sapiens
326 <220> FEATURE:
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331 Ser Asp Asp Pro Ser Gly Ala Ile Asp Ser Asn Asn Ser
332 1          5          10
335 <210> SEQ ID NO: 22
336 <211> LENGTH: 15
337 <212> TYPE: PRT

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VERIFICATION SUMMARY

PATENT APPLICATION: US/09/853,080A

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